



# ITT

## ROBOT PUMPS

### Slurry Pump

### RD2130DG

### 50 Hz

Vortex impeller pump in wear resistant Nihard 4 for reliable transport of highly abrasive solids in high concentrations.

#### Pump

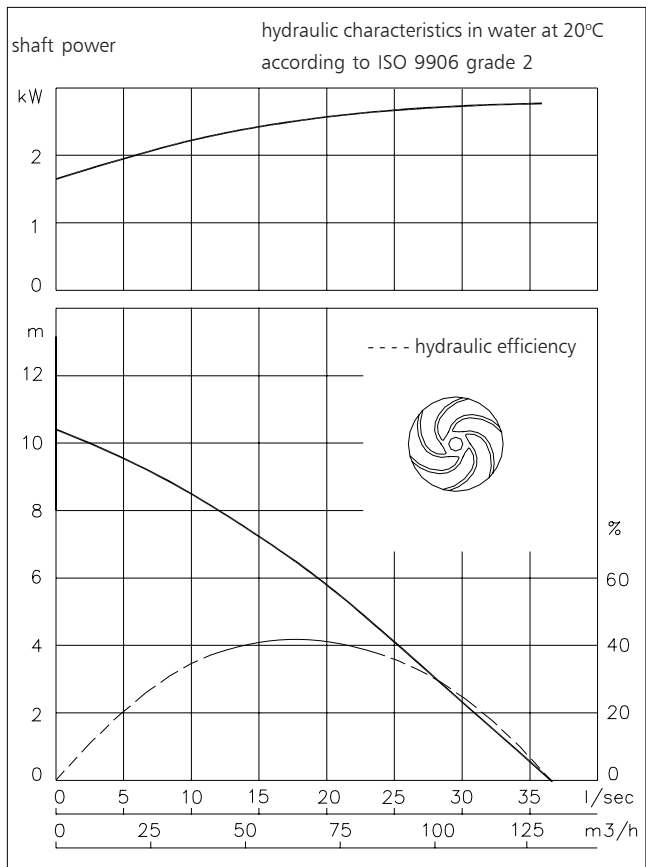
solids passage	: 80 mm
suction diameter	: 100 mm
discharge diameter	: 100 mm
impeller diameter	: 190 mm
recommended minimum flow	: 3.5 l/s (13 m <sup>3</sup> /h)

#### Motor

rated shaft power	: 3.5 kW
rated electrical power	: 4.5 kW
mains	: 50 Hz - 3 phase
nominal speed	: 1450 rpm
rated efficiency	: 78 %
rated power factor (cos phi)	: 0.84
degree of protection	: IP 68
isolation class	: F (155 °C)
max. water temperature	: 40 °C
(higher temperatures on request)	
standard cable length	: 10 m

#### Materials

motor housing	: 1
seal housing	: 7
volute	: 7
hose/flange adapter	: 1
impeller	: 7
shaft	: 3 5
bolts	: 4 5
elastomers	: 8+9 10
electrical cable	: 9
seal lubrication	: oil
pump seal	: silicon carbide-silicon carbide
motor seal	: carbon-ceramic
primer	: Alkyd primer
top coating	: Two component high-build polyurethane coating



1	cast iron	EN-GJL-250
2	sg cast iron	EN-GJS-400-15
3	stainless steel 431	X20 CrNi 17 2
4	stainless steel 304	X5 CrNi 18 10
5	stainless steel 316	X5 CrNiMo 17 12 2
6	stainless steel 329	X4 CrNiMoN 27 5 2
7	Nihard 4	G-X300CrNiSi 9 5 2
8	nitrile	(NBR)
9	neoprene	(CR)
10	viton	(FPM)

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